

# ksc bulletin



No. 01-03 - January 19, 2001

National Aeronautics and  
Space Administration

John F. Kennedy Space Center  
Kennedy Space Center, Florida 32899

Published weekly under the provisions of KMI 1590.2. Mail items to KSC Bulletin on KSC Form 7-121.  
All notices contained herein must comply with the nondiscriminatory principles of the Federal Equal Opportunity Program.  
Advertised items must be available without regard to race, color, religion, sex, age, national origin, or disability.  
URL: <http://www-lib.ksc.nasa.gov/lib/bulletin/bulletin.htm> (KSC only)  
Deadline for Official/Unofficial notices - Monday, 9 a.m.

## OFFICIAL

**JANUARY HEALTH EDUCATION AND WELLNESS PROGRAM—SUPER FOODS – NUTRITION AND HEALTH:** Good food can be the foundation of a healthy body. Medical research is discovering that some foods can be “medicine” and they can help prevent or control many diseases. January’s packet will look at the substances that make some of the things we eat “super foods,” and which foods to include in your diet. Packets will be available at all medical facilities and upon request to Carol Roth, 867-3414, CHS-005, email **Roth-1, Carol**. (TA-C2)

**JANUARY’S VISION SCREENING:** Visual Acuity and Glaucoma Testing.  
Tuesday January 23 11 a.m. – 1 p.m. OHF (Occupational Health Facility) (TA-C2)

**DIABETIC SUPPORT GROUP:** SGS/CHS offers a Diabetic Support Group for KSC/CCAFS personnel who wish to participate. The Diabetic Support Group meets every Monday at 11 a.m. beginning January 8, 2001, for approximately 45 minutes in the OHF Library, Room 404, Building M6-495, KSC Industrial Area. **Marion.Ruffing-1@kmail.ksc.nasa.gov** or call at 867-7398 for more information.

**CHRONIC PAIN SUPPORT GROUP:** SGS/CHS offers a Chronic Pain Support Group for KSC/CCAFS personnel who wish to participate. The Chronic Pain Support Group meets every Friday at 11 a.m. beginning January 19, 2001, for approximately 45 minutes in the OHF Library, Room 404, Building M6-495, KSC Industrial Area. **Marion.Ruffing-1@kmail.ksc.nasa.gov** or call at 867-7398 for more information.

**COLORECTAL CANCER SCREENING:** Small amounts of blood in your stool, which can be detected with hemoccult slides, can be an indication of colorectal cancer. Hemoccult slides and instructions are available at all medical facilities during hours of operation. (TA-C2)

**SCREENING MAMMOGRAMS** for breast cancer are available at KSC, southwest corner of the parking lot behind HQ building. Call 1-800-367-1870 for an appointment. (TA-C2)

**WORK SITE LECTURES** on any health subject, requests for health information or counseling is available upon request to Carol Roth, 867-3414, CHS-005, email Roth-1, Carol. (TA-C2)

**NUTRITION TIP OF THE WEEK FROM THE KSC FITNESS CENTERS:** How many of you can honestly say that you always resist the temptation to stick your finger into a bowl of raw cake or cookie batter to taste it? Did you know that you could be putting yourself at risk for getting sick if you’re one of the guilty? Foods like raw cake and cookie batter, homemade ice cream, and eggnog contain raw eggs, making these foods susceptible to carrying salmonella. Salmonella is a bacterium that causes an infection, called salmonellosis, of the gastrointestinal tract. The most common symptoms of salmonellosis are abdominal pain, diarrhea, nausea, vomiting, fever, headache, and weakness. If you still can’t resist the urge, then eliminate the risk by using pasteurized eggs, those that have been heated to kill any bacteria. Pasteurized eggs are usually sold in your grocer’s refrigerated dairy section. (TA-C2)

**EMPLOYEE ASSISTANCE PROGRAM:** All employees are reminded that the Employee Assistance Program offers free, confidential counseling to all Kennedy Space Center and Cape Canaveral Air Force Station employees. Appointments are necessary to ensure adequate time. This program is available Monday through Friday, 7:30 a.m. to 4:00 p.m. Appointments may be made by calling 867-7398. (TA-C2)

**2000 RESEARCH AND TECHNOLOGY REPORT:** Once again it is time to prepare Kennedy Space Center’s Research and Technology Annual Report. The report, with its wide distribution, provides NASA, academia, and industry with a broad overview of KSC’s accomplishments in technology development. Articles should be prepared for all advanced technology funded projects. However, articles are also encouraged for projects that include technology development funded by other sources such as Shuttle, Payloads, Space Station, etc. Format will follow the same basic format as the 1999 report. Articles should be mailed to Barbara LeDuke, DNX-8, no later than January 19, 2001. Early submittals are encouraged. For information on format and/or to receive a copy of prior year reports(s) email: **Barbara.LeDuke-1@ksc.nasa.gov** or call 867-4526. (YA-C1)

**KSC LIBRARY:** You may obtain copies of the following specification in HQ, Room 1124, by sending a request to mailcode Library-D, calling 867-3613, or emailing **KSCLibrary@jbosc.ksc.nasa.gov**.

JSC-SL-E-0002 Change 101, 12/13/01 “Specification electromagnetic interference characteristics, requirements for equipment”

This specification can also be found at: <http://sspweb.jsc.nasa.gov/ntdata/ssp/webdata/pdcweb/subdocs.htm>. (TA-E1)

**KSC LIBRARY:** The following new books are available for loan from the KSC Library. If you need information, please call 867-3600 or visit the Library in HQ, Room 1301.

American X-Vehicles, #515079  
Black Magic and Gremlins: Analog Flight Simulations at NASA’s Flight Research Center, #515095  
Coaching for Commitment: Managerial Strategies for Obtaining Superior Performance, #515053  
Echoes Among the Stars, #530565  
EMC for Systems and Installations, #530557  
From Baldrige to the Bottom Line: A Road Map for Organizational Change and Improvement, #530490  
Handbook of Acoustics, #530359  
Handbook Series in Inorganic Electrochemistry, Vols. 6 and 7, #530250, #530268  
Human Spaceflight, #515020  
Introduction to Decision Analysis, #530532  
Leading People, #515061  
Management of Organizational Behavior, #515046  
Productivity Through Control Technology: Proceedings of the 1983 Joint Symposium, #515087  
Saving Big Blue, #530573  
Total Quality, #515038

To search the Library’s on-line catalog go to: <http://nasagalaxie.larc.nasa.gov/>. For questions, call 867-3600 or **mailto:KSCLibrary@jbosc.ksc.nasa.gov**. (TA-E1)

**KSC LIBRARY:** The following documents are available for loan from the KSC Library Documents, Specifications and Standards Department, HQ Room 1124, or by calling 867-3613:

NASA-CR-210522: Advanced High Temperature Structural Seals  
NASA-TM-208925: Evaluation of X-38 Crew Return Vehicle Input Control Devices in a Microgravity Environment  
NASA-TM-209602: Verification and Validation of Autonomy Software at NASA  
NASA-TM-210475: Models for Liquid Impact Onboard Sloshsht FLEVO  
NASA-TM-219476: Technologies for Refueling Spacecraft On-Orbit  
NASA-TM-210574: Mean Line Pump Flow Model in Rocket Engine System Simulation  
NASA-TM-210616: Software Fault Tolerance: A Tutorial  
NASA-TM-210618: Guidance Concept for a Mars Ascent Vehicle First Stage

To search the Library’s on-line catalog go to: <http://nasagalaxie.larc.nasa.gov/>. For questions call 867-3613 or **mailto:KSCLibrary@jbosc.ksc.nasa.gov**. (TA-E1)

**KSC LIBRARY ARCHIVES:** The KSC Archives regularly displays its collection of historical photographs for viewing by the KSC community. The display case is located between Rooms 1533 and 1537, across from the post office, in the Headquarters Building. The year 2001 marks 20 years of Space Shuttle flight. We begin the new year with the first of a five part series **“Saluting our Space Shuttle Fleet.”** The current display will feature the orbiter, Challenger. Further information may be obtained by calling the Library Archives at 867-2407. (TA-E1)

**OIG:** The Office of the Inspector General is the focal point within NASA for conducting audits and investigations to promote economy and efficiency and to prevent and detect fraud and abuse in NASA programs and operations. The OIG receives and investigates complaints or information about inefficiencies, mismanagement, or gross waste of funds; possible violations of law, rules, or regulations by NASA employees, contractors, or others; or substantial and specific danger to the public health and safety. The Inspector General will not disclose the identity of a person who provides such information without that person’s permission, unless the Inspector General determines that disclosure is unavoidable during the course of investigation. NASA employees are protected by law from reprisal for making complaints or disclosing information to the Inspector General. At Kennedy Space Center, call: 867-4714, or call toll free: 1-800-424-9183, 24-hour answering service, or write: NASA Inspector General, P.O. Box 23089, L’Enfant Plaza Station, Washington, DC 20024. (OIG)

**EAP TODAY:** A 12-minute Employee Assistance Program Orientation Video can be viewed on KSC/CCAFS Channel 60 every Tuesday at 11 a.m. If you have any questions after viewing the video, or if you do not have access to the video and would like the EAP to visit your site, please call Marion Ruffing at the Comprehensive Health Services, OHF, 867-7398. (TA-C2)

**EMPLOYEES WITH DISABILITIES:** Employees with special transportation needs may call 867-7685 for intra-Center transportation. Transportation will be provided from 7:30 a.m. to 4:00 p.m., Monday through Friday, on an as-called basis. For additional information, call 867-2307, Equal Opportunity Office. (AJ)

**GRAPHICS/PUBLICATIONS:** Before you begin any work for publication, consult the JBOSC Graphics Department. According to the print shop, approximately three jobs per week have to be reworked because of problems with alignments, reductions, and postscript formats. By consulting with JBOSC Graphics first, you will eliminate wasted time and effort to rework your project. Graphics will ensure your artwork is produced efficiently and is suitable for reproduction. Graphics has electronic transfer capability, a proven method for first quality prints directly from the original, compared to low density reproductions from copied artwork. For information, call 867-3838. For your convenience, JBOSC Graphics has two additional offices located in the O&C Building, Room 1152, 867-7419; and, in the OSB Building, Room 6204, 861-3814. (TA-E1)

**EMPLOYEE ORGANIZATIONS:** Employees have the right to join, or refrain from joining, employee unions. NASA recognizes the right of its employees to form, join, and assist any employee organization, or to refrain from any such activity, and to exercise these rights freely and without penalty or reprisal. This right also extends to participation in the management of the employee organization and to acting as an employee organizational representative, except where such activity would result in a conflict of interest with the official duties of an employee. (BA-B)

**LEAVE ADMINISTRATION:** Properly managing the use of annual and sick leave is your responsibility. Except for emergencies, you are expected to request leave in advance and obtain your supervisor’s approval. In cases of emergency absence, call in and notify your supervisor of the circumstances as soon as possible after the start of the workday, but no later than 4 hours after the beginning of the workday. Failure to properly request and obtain approval of leave may result in the absence being charged to “Absence Without Leave” and could also lead to disciplinary action. Those who are earning annual leave above maximum accumulations limits must plan use of annual leave to avoid loss of one or more days at the end of the year. (BA-B).

**SECURITY NOTICE:** Florida State Statue 316.1975, Unattended Motor Vehicles, states: “no person driving or in charge of any motor vehicle except a licensed delivery truck, or other delivery vehicle while making deliveries, shall permit it to stand unattended without first stopping the engine, locking the ignition, and removing the key.” Do not leave the engine running in your unattended vehicle, at any time. (TA-E2)

**FEDERAL EMPLOYEE HEALTH BENEFITS FOR MILITARY RETIREES:** CHAMPUS coverage for military retirees is automatically transferred from CHAMPUS to Medicare coverage upon attaining the Medicare eligibility, at age 65. Employees have 31 days from the date of loss of CHAMPUS to enroll in a Federal Employees Health Benefit (FEHB) plan. Military retirees who are thinking about retiring from civilian service before reaching Medicare eligibility are reminded: to have FEHB coverage as a retiree, an employee must be enrolled at the time of retirement; to insure coverage, they should enroll in an FEHB plan that takes effect before the retirement date elected. To keep FEHB after retirement, employees must be enrolled for at least 5 years; and coverage under CHAMPUS counts towards eligibility to carry FEHB into retirement. Questions regarding health benefits should be referred to Sharon Lowry (867-9178), or Kathy McIntosh (867-2405), Benefits Team, Personnel Office, Headquarters Building, Room 2507. (BA-B)

**EMPLOYEES PLANNING FOR RETIREMENT:** To make tentative annuity computations, verify creditable service, and process an application for retirement, employees considering retirement should assure that all military and civilian service has been properly documented in their personnel records. Although dates of military service may have been previously recorded and verified, these dates should be reverified so there will be no delay in the receipt of annuity checks. Employees who have had active military service should submit to Sharon Lowry, Retirement Counselor, Personnel Office Benefits Team (BA-B), copies of their military discharge papers, DD 214, or other documents showing the beginning and ending dates of active service. Employees who do not ensure that all active duty military service is properly documented may experience a delay in the receipt of full annuity payments from OPM upon retirement from civil service. Contact Sharon Lowry, 867-9178, Headquarters, Room 2515. (BA-B)

**FEDERAL EMPLOYEES HEALTH BENEFITS EXTENSION OF COVERAGE:** The Federal Employees Health Benefits Amendments Act (PL 100-654) has provided separated employees, certain dependent children, and former spouses the option of keeping their Federal Employees Health Benefits (FEHB) plan for specific periods of time. Under the provisions, employees who leave the Government, either voluntarily or involuntarily, are eligible to continue FEHB coverage for 18 months if (1) the employee was enrolled in the FEHB at time of separation; and, (2) the employee was NOT fired because of “gross misconduct.” This includes employees who retire and are not eligible to continue FEHB coverage as annuitants. Children who become age 22 and ex-spouses may continue coverage for up to 36 months provided they had coverage under a Federal employee at the time of the event. These individuals have continuation of coverage for 31 days at no cost to them. However, within 60 days of the event, they must submit paperwork to continue their FEHB. For more information, contact one of the following benefits personnel: Kathy McIntosh, 867-2405 or Sharon Lowry at 867-9178. (BA-B)

**EMAIL USERS:** Email is an informal communication and is not to be used as the primary way to document official Agency business. Should official business be transacted using this system, hardcopy documents of the email messages must be produced along with transmission and receipt data, directories, and distribution lists. They must be filed, maintained, and disposed of in accordance with NPG 1441.1 (as revised), NASA Records Retention Schedule. After the hardcopy has been produced, messages may be deleted from the email system. For more information, see NASA Headquarters CIO Executive Notice 12-96, 2/20/96. (TA-E1)

**COMPETITIVE PLACEMENT PLAN—JOB OPPORTUNITIES:**

Annct. No.	Position & Grade	Area of Consideration	Open/Close Date	Location
KSC-01-18	AST, Aerospace Flight Systems, GS-861-13	All Candidates	01/08/01-01/19/01	VA
KSC-01-19	AST, Aerospace Flight Systems, GS-861-13	All Candidates	01/08/01-01/19/01	VA
KSC-01-20	AST, Aerospace Flight Systems, GS-861-13	All Candidates	01/08/01-01/19/01	VA

Applicants must submit an application (OF 612, Optional Application for Federal Employment or KSC Form 13-283, Competitive Placement Plan Application) for this position. Applications should be submitted to Workforce & Diversity Management Office, Employee Services (BA-B), HQ, Room 2507. (BA-B)

**AUTHENTICATED:**



*Marilee Tewksbury*

Marilee Tewksbury, Center Services (TA-E1)

**THERE’S A PLACE FOR EVERYTHING—STORE FLAMMABLES PROPERLY.**  
U N O F F I C I A L



SECURITY AMBULANCE FIRE  
911 7-7911 1-7911

CAFETERIA MENU FOR WEEK OF JANUARY 22 THROUGH JANUARY 26

*MONDAY	*TUESDAY	*WEDNESDAY	*THURSDAY	*FRIDAY
Spinach Orzo	Italian Minestrone Soup	Home Style Chicken	Split Pea & Country	Manhattan Clam Chowder
Vegetarian Soup	Chopped Steak w/Rice	Noodle Soup	Ham Soup	Tuna Noodle Casserole
Roast Beef w/Mashed	& Onions	Veal Parmesan w/Pasta	Fried Chicken	**Lemon Sole w/Almonds
Potatoes & Gravy	Chicken Pot Pie	Country Beef Stew w/Rice	w/Mashed Potatoes	& Potatoes
**Asian Chicken	**Mediterranean Mix	**Oriental Marinated	**Turkey Tetrazzini	
w/Rice		Vegetables		

\*Assorted vegetables, salads, desserts, and beverages available daily. **\*\*Lighter By Choice** is our Nutritionally Balanced Selection. **Lighter By Choice** Grilled Chicken and Vegetable Burgers are available daily. Soup available daily—bowl, \$1.20/cup \$0.65. Each day a **“Price Value Meal”** or **“Grill Price Value”** is available and will be posted in each cafeteria. **\*\*\*La Pomadora:** A variety of Pizza, Stromboli, Calzone or Pasta is available daily.

**NASA EXCHANGE:** Our buyers are back from Atlanta and are excited about some new product they saw. Merchandise should start arriving in February so start planning to visit the nearest NASA Exchange store early and often! Remember, there are only about 335 shopping days left until Christmas!

**KSC EXCHANGE SERVICE STATION:** Lube, oil and filter—just \$19.95. This includes up to 5 quarts of oil, check fluids, tire and tire pressure, belts, hoses, alternator and battery, and a visual safety check. Call us at 453-1254 for an appointment or more information.

**KSC EXCHANGE—CITGO GAS STATION:** Pay at the pump is open 24 hours, 7 days a week, for gas and diesel. CITGO and all major credit cards accepted. For information, call 453-1254.

**KENNEDY SPACE CENTER FEDERAL CREDIT UNION REPOS:** Repos located at the Merritt Island office. 2000 Buick Park Avenue, \$25,995; 1996 Lexus ES 300, \$17,995; 1998 Sunfire SE, \$7,995; 1997 Dodge Ram, \$15,500; 1998 Mitsubishi Galant, \$10,995; 1998 Ford Escort, 5-speed, \$6,995; 1998 Dodge Neon, \$8,000; 1995 Chevy Geo Prism, \$5,000, call 455-9400, ext. 1120. 1997 Ford Ranger, \$8,250; 1999 Chevy Camaro, \$16,000; 1997 Dodge Neon, \$5,700; 1993 Isuzu Rodeo, \$5,995, call 904/761-9752.

**KSC EXCHANGE HAIRSHOPS:** Is it time for a “New Look,” or a trim or to freshen up for the Winter? Come browse through our style books for a “free” consultation. Our staff can perform all your hair needs. We provide the latest in styles: Regular haircuts, braids, colors, perms, beard trims, flat-tops, and the “Executive” or “Razor” cuts. Call 867-7077, HQ, Room 1250, and ask for Joyce, or call 861-3026, OSB, Room 1118, and ask for Fred or Raquel.

**SPACE COAST CHAPTER OF FEDERALLY EMPLOYED WOMEN (FEW): “Partnering for a New Future,”** an exceptional day of training designed to help deal with the challenges that lie ahead. This is the 22<sup>nd</sup> Annual Training Program sponsored by the Space Coast Chapter of Federally Employed Women. It will be held on Wednesday and Thursday, March 7 and 8, 2001. Sessions will be at the Holiday Inn in Cocoa Beach with registration beginning at 8 a.m. and the Program will begin at 9 a.m. Training is not limited to women or federal employees and cost is \$70. For more information, contact your Training Coordinator or Christy Vanasse at 867-3749 or **Christy.Vanasse-1@ksc.nasa.gov**.

**OSHA ERGONOMIC PROGRAM STANDARD WORKSHOP:** The Florida Space Coast Chapter of the Human Factors & Ergonomics Society and the University of South Florida Sunshine Education & Research Center are sponsoring a workshop featuring speakers Joan Spencer, OSHA Compliance Assistance Specialist; and Dr. Thomas Bernard, USF. This workshop is designed to provide detailed information on the OSHA Ergonomic Program Standard and provide companies with the information needed to build appropriate programs that comply with the standard and reduce Musculoskeletal Disorders (MSDs). This workshop will provide information on eight job hazard analysis tools described in the standard that can be used to analyze and control MSDs. This workshop will be held on Friday, January 26, 2001 from 8:00 a.m. to 3:30 p.m. at Imperial’s Comfort Hotel & Conference Center, 8298 North Wickham Road, Melbourne, Florida (at exit 73 off I-95). Registration fee \$65. Reservations are requested by January 22, 2001. Call 267-3406 or email **fchandle@digital.net** to obtain a registration form.

**KARS:** The KSC Dance Club will offer **Ballroom Dancing** classes beginning Tuesday, January 9, at the KARS I complex, off Hall Road. Each class will meet once a week on Tuesday evenings, for **11** weeks, with a Graduation Dance at completion.

Class 1	5:30 p.m. – 7:00 p.m.	Foxtrot, Rhumba & Waltz
Class 2	7:00 p.m. – 8:00 p.m.	Swing & Cha Cha

For further information call Mae at 452-3151, or Jannett at 784-2674.

**KSC’s AFRICAN-AMERICAN HISTORY MONTH CELEBRATION:** The annual observance of African-American History occurs in the month of February. The 2001 National Theme is “Creating and Defining the African-American Community: Family, Church, Politics” and participate in the upcoming events:

<b>February 2, 9, 16, &amp; 23</b>	<b>BEST Fridays</b> (Wear BEST logo shirts and relish Lackmann’s African-American traditional foods). Shirt orders began January 8, 2001.
<b>February 7</b>	<b>African-American History Month Luncheon</b> in Debus Conference Center, KSC Visitor Center. Tickets available in January.
<b>February 25</b>	<b>Fellowship</b> at Antioch Missionary Baptist Church, Oviedo.

Additional information will be distributed throughout the month of January and February. Contact Michelle Amos, 867-6681 or Michael Bell, 867-1160, for further details.

**FLORIDA INSTITUTE OF TECHNOLOGY:** Florida Tech offers a variety of master’s degree programs at our Spaceport site, e.g. Master of Science in: SOFTWARE ENGINEERING, COMPUTER SCIENCE, Management, Space Systems, Computer Information Systems, Engineering Management, Acquisition and Contract Management. If you are interested in the Software Engineering degree, please call either of the numbers listed below for information. Evening classes are offered at Kennedy Space Center and Patrick Air Force Base. Distance Learning courses are also available. Applications are still being accepted for the spring semester, which begins the week of January 8. For a catalog, schedule and application packet, please call 453-2030 or 784-2045.

**FLORIDA SPACE INSTITUTE:** Interested in going to graduate school? The Florida Space Institute at KSC is offering an undergraduate math skills review. FMI contact Bob Petty, **fsiccas@mail.ucf.edu**, phone number 452-9834.

**FLORIDA SPACE INSTITUTE:** The Florida Space Institute is sponsoring UCF/FIT/ERAU graduate engineering and math courses live at Kennedy Space Center. FMI contact Bob Petty, **fsiccas@mail.ucf.edu**, phone number 452-9834; or Dr. Cynthia Hopen, **chopen@mail.ucf.edu**, phone number 407-823-5987.

**UNIVERSITY OF MIAMI:** Final month to submit your application for the Master of Science in Management of Technology (MOT) and the Master of Science in Industrial Engineering (MSiE). Both programs will begin the second week of February at the Space Coast. Courses are held Friday evenings and Saturday mornings to accommodate working professionals. To receive an application/brochure and to obtain further information about both degrees please call Mr. Augusto Roca, Program Administrator at 1-305-284-4100 or send email to **augusto@miami.edu**.

**WEBSTER UNIVERSITY:** A Master of Science in Computer Science program in the KSC area has an anticipated start date March 2001. Information on interested prospects is being accepted at this time. Call 449-4500 and speak with an Administrative Assistant or visit **www.webster.edu/spacecoast** for more information on application and registration.



**LOST & FOUND**  
Found: CD carrying case w/CD’s (Latin music), at Merritt Island Post Office, December 20, call and describe to claim, Lindhorst, 452-4812.

**CARPOOLS**  
Vanpool seats: Daytona/Port Orange/New Smyrna to OPF/VAB/LCC Areas, 6:30/7:00-3:30, Steve, 861-1485/904-238-3629.  
Vanpool seats: Melbourne Beach/Indialantic/IHB/CB/Cape Canaveral to CCAS/KSC Industrial Area/VAB, 7:15-3:45, Goodrich, 867-6956/725-7383.  
Vanpool seats: Melbourne to LC-39 Area, seats available, 11 passenger van, Galbraith, 861-4780/259-3138.  
Vanpool seats: Melbourne/Eau Gallie to KSC Industrial Area, 7:30-4:00, Don, 867-4634.  
Vanpool seats: Palm Bay/Eau Gallie/Suntree to ARF/VAB/Wiltech Areas, 7:00-3:45, Adam, 867-9853/259-4138.  
Vanpool seats: Palm Bay/Suntree to LC-39/OPF/Logistics/OSB/PCC, 7:00-3:30, Mark, 861-0991/725-6677.  
Vanpool seats: Palm Bay/Eau Gallie/Suntree to USBI/OSB/LCC/VAB/OPF Areas, 7:00-3:45, Dan, 861-2486/952-8840.  
Vanpool seats: E. Orlando/Sam’s/Wal-Mart/Bithlo to LC-39 Areas/OSB/Complexes/PCC/OPF Areas, 7:00-3:30, Buddy, 867-3794/657-4941.  
Vanpool seats: Orlando/University/Goldenrod/KMart/East Hwy. 50 to KSC Industrial Area, 8:00-4:30, Goff, 867-3020/407-644-0384.  
Vanpool seats: Orlando/Conway/Union Park/Bithlo to VAB, USBI, OSB & Wiltech Areas, 7:00-3:45, Fishell, 861-2470/407-859-4009.  
Vanpool seats: Orlando Fashion Square/Hwy. 50/Sam’s Club to O&C/HQ/CIF/LC-39 & Logistics Areas, Al, 867-4457/894-3068.  
Vanpool seats: Orlando/West 50 & Hiawassee/Metro West/Goldenrod & E/W /Alafaya & 50 to KSC Industrial Area, 7:15-4:00, Ed, 867-3587/299-7543.  
Vanpool seats: Orlando/West 50 & Hiawassee/Alafaya & 50 to CCAS Industrial Area/CX36, Higgs, 853-8353/407-880-7410.  
Vanpool seats: E. Colonial at Alafaya/419 Park & Ride to LC-39 Areas & ARF, 7:00-3:30, Brinko, 861-4986/407-971-0122.  
Vanpool seats: E. Colonial to HQ/O&C/SSPF Areas, 8:00-4:30, Au-Mai, 867-2697/381-0183.  
Vanpool seats: W. Colonial/Kirkman Road/Dean Road/Bithlow Park & Ride to LC-39 Areas, 7:00-3:30, Hall, 861-5355/422-3681.  
Vanpool seats: Oviedo/Albertsons at Mitchell Hammock/E. Colonial at Alafaya to KSC Industrial Area, 8:00-4:30, Karen, 867-0045/407-568-6015.  
Vanpool seats: Oviedo/Winn Dixie (Lockwood Blvd. & 419)/Lake Mills Rd./Ft. Christmas/S.R. 50 to KSC Industrial Area, 8:00-4:30, Randall, 867-5656.  
Vanpool forming: Orlando/E. Colonial to KSC Industrial area, to make use of KSC Fitness Center, hours TBD, Phil, 867-6052/407-382-0088.  
Carpool: E. Colonial/Alafaya/S.R. 50 Park & Ride to VAB/OSB Areas & O&C Area, 7:30-4:00, Kim, 867-3911/380-8787.  
Carpool: N. Melbourne to KSC Industrial Area, 6:30-3:00, Lois, 867-3072/254-4866.  
Carpool: Oviedo/Winter Springs to KSC Industrial Area, 7:00-4:30, non-smoker, Patrick, 867-3400/407-359-3145.  
Carpool: S. Rockledge to KSC Industrial Area, non-smoking, 7:00-3:30, Robert, 867-4448/633-3091.

CARPOOLS (Continued)

Ride needed/form carpool: Coventry of Cocoa (Highway 524) to O&C Building, 8:00-4:30, Setzer, 867-8681/639-9062.  
Ride needed/form carpool: Daytona Beach to SSPF, non-smoker, 8:00-4:30, Ray, 867-0789.  
Ride needed/form carpool: DeLand/Daytona Beach/New Smyrna Beach to OPF area, flexible hours, Larry, 861-1039/904-738-1821, evenings.  
Ride needed/form carpool: Flagler Beach/Daytona to CCAS Industrial Area, 7:00-3:30, Bruce, 853-4066/904-439-9964.  
Ride needed/form carpool: Melbourne to NSLD, 7:00-3:30, flexible on hours, Smith, 867-9819/724-9926.  
Ride needed/form carpool: Orlando to KSC Industrial Area, non-smoker, 9:00-5:30, Lewis, 867-2548/407-282-2908.  
Ride needed/form carpool: Titusville, U.S. 1 to Patrick AFB, AFTAC Area, Shawn, 867-3073/259-6679.  
Ride needed/form carpool: S. Titusville to CCAS Industrial Area, non-smoker, 7:00-3:30, Williams, 853-2592/268-2974.  
Ride needed: Titusville at Garden Street & N. Carpenter Road to KSC Industrial Area, 7:30-4:00, Frank, 867-2874/264-0603.  
Ride needed: S. Titusville at Barna & Hwy. 50 to KSC Industrial Area, non-smoker, 7:00-3:30, Nancy, 867-2260/269-2695.  
Ride needed: Titusville at South Park Avenue & Barna Avenue to KSC Visitor's Complex, 9:00-5:00, Mukherjee, 452-4301/264-1865.

REAL ESTATE FOR SALE

House: E. Merritt Island, 4-B/R, 2-bath, pool, corner lot, \$123,500, Phillips, 453-6949.  
House: Port St. John, 3-B/R, 2-bath, 2-car garage, split plan, 13'x48' screened porch, alarm system, sprinkler system, \$87,500, Lisa, 504-9744.  
Mobile home: Port St. John/Titusville, refurbished, very nice, partially furnished, adult park w/riverview, Steiner, 795-5120.  
Timeshares: Cancun Mexico, 4 star resort, sleeps 8, \$3000/B.O.; Cancun Mexico, sleeps 4, \$1000/B.O., can trade for other worldwide resorts, 952-8869.  
Lot: Merritt Island, Sunset Lakes. 0.26 acre, cul-de-sac, gated development, \$30,000/B.O., VanMeter, 783-4398.

AUTOMOBILES & RV'S FOR SALE

1986 Ford Econoline passenger van, V8, A/T, O/D, P/S, P/W, P/L, 100,000 miles, \$1250, Axel, 720-9568.  
1987 Dodge Reliant, needs minor engine work, interior/exterior good condition, \$500, Toney, 383-8303.  
1987 Corvette convertible, ZR-1 kit, burgundy w/tan top, tan leather interior, fully loaded, 70,000 miles, \$12,000/B.O., Stephan, 453-0655.  
1988 Chevrolet Camaro, V8, 5-speed, A/C, P/W, runs great, 114,000 miles, \$2000, John, 454-4659.  
1989 GMC S-15 Sierra, SUV, V6, convertible, one-of-a-kind, A/T, great transportation, \$550, Bob, 255-4766.  
1989 Ford shortbed pickup, 6-cylinder, 5-speed, A/C, P/S, bedliner, fiberglass topper, AM/FM/cassette stereo, white, \$3800/B.O., Parker, 452-6280.  
1989 Honda Accord, A/C, A/T, original owner, new tires, 137,000 miles, \$3950, Morgan, 454-9329.  
1990 Nissan Stanza, 5-speed, manual transmission, A/C, P/S, excellent condition, \$2200, Proffitt, 904-423-0430.  
1992 Jaguar XJS, 75,000 miles, excellent condition, blue book \$11,450, Troyan, 723-2378.  
1993 Nissan 240SX, hatchback, A/C, A/T, P/S, new tires/alloy wheels, spoiler, AM/FM/cassette, 10-disk changer, 47,000 miles, \$7000/B.O., 267-3402.  
1994 Dodge Grand Caravan SE, A/T, P/W, P/L, P/S, P/M, C/C, tinted windows, 85,000 miles, extended warranty, well maintained, \$7500, 452-9688.  
1994 Ford Ranger XLT, 4-cylinder, 5-speed, 91,000 miles, new tires/battery/timing belt/brakes, tool box, CD player, excellent condition, \$4500, 259-4138.  
1995 Dodge Grand Caravan SE, 7-passenger, cold A/C, P/W, P/L, C/C, tilt, factory tint, teal w/gray interior, excellent condition, \$6750/B.O., 452-8468.  
1995 Nissan pickup, 5-speed, A/C, chrome package, white, 97,000 miles, good condition, \$4200/B.O., Smith, 724-9926.  
1995 Jeep Grand Cherokee Limited, V6, CD, P/W, P/L, P/S, sunroof, leather, tow package, 90,600 miles, \$11,000, Morgan, 455-6393.  
1996 Chevrolet Monte Carlo, 1-owner, non-smoker, appx. 98,000 miles, good condition, \$5000, Stiewig, 223-4034.  
1997 Jeep Wrangler, Sport, 4.0, hardtop, AM/FM/cassette stereo, speaker bars, black, new Goodyear tires, 77,000 miles, \$13,500/B.O., Powers, 269-2424.  
1997 Ford Explorer XLT, SUV, 4wd, loaded, CD changer, sunroof, rear A/C & radio, 30,000 miles, \$17,000, or \$2000/down, T.O.P. \$300/month, 453-0655.  
1998 Coleman Bayside popup camper, slide-out-dining area, sleeps 8, excellent condition, \$7500, Summers, 268-0154.  
1998 Sunline Saturn RV trailer, 17', like new, \$11,500, Dave, 407-679-1191.  
2000 Volkswagen Passat, A/T, P/M, power sunroof, monsoon stereo w/6-CD, metallic silver w/gray cloth interior, \$24,000/B.O., Romanella, 407-422-1500.  
Ford Ranger pickup, 4wd, extended cab, A/C, A/T, topper, black, \$4000, 452-5892.

HOUSEHOLD FURNISHINGS FOR SALE

Dinette table w/4 chairs, white, \$100; coffee table, 2 end tables, whitewashed, \$60, Owens, 431-7776.  
Broyhill sofa, cherry floral, scotchguard, \$250; dropleaf dinette w/2 chairs, \$100; wooden rocker, \$25; 2 bedroom lamps, \$15, 268-3027, after 4 p.m.  
Teak table w/leaf, 6 chairs, rectangular, \$200, Bergen, 459-0027.  
Queen mattress & box springs, \$40; computer desk, \$40; full futon, \$50, Leger, 453-3940.  
Oak changing table, 3-drawers, excellent condition, \$75, 268-2446.  
Scan Design custom L-shaped modular sofa, over 18' of seating, peach, \$3000, Romanella, 407-422-1500.  
Crib w/3-side drawers, 2-bottom drawers, matching 4-drawer chest, \$300/firm, Caldwell, 383-4156.  
Conference table, 8', 10 chairs, custom matching carpet, \$1200, Gray, 407-869-0256.  
Barcalounger recliner, swivels & rocks, tan, \$250/B.O., 269-7766.  
Dining table, leaf, 4 chairs, \$100; wicker headboard, \$25; 6-drawer dresser, \$50; 3-drawer dresser w/hutch/bookcase, \$75; child's desk, \$30, 383-7575.  
Sectional sleeper sofa w/recliner, light pastel colored, \$300/B.O., Halm, 639-6687.

APPLIANCES FOR SALE

Hotpoint washing machine, 6-months old, white, perfect condition, \$220; G. E. refrigerator, 20.0 cu. ft., white, good condition, \$350, Kim, 268-9019.  
Whirlpool freestanding 30" range, self-cleaning, time bake, excellent condition, \$125, David, 636-6344.  
Kenmore dryer, large capacity, good condition, \$70/B.O., 632-7961, after 5 p.m.  
Maytag Plus heavy duty electric dryer, 6-cycles, \$125/B.O., Smith, 633-0682.  
Amana washing machine, stainless steel tub, \$175, Budnick, 452-7984.

MOTORCYCLES & EQUIPMENT FOR SALE

1993 Yamaha 4280 motor, disassembled, graphics, \$450/B.O., Cabble, 690-3380.  
1999 Kawasaki Vulcan 800 classic, 1500 miles, \$5500, Mike, 634-5480.

BOATS & EQUIPMENT FOR SALE

9' rubber raft, pump, oars, \$350, Balkema, 452-5892.  
20' Bonita, cuddy cabin, 1983, 150 h.p. Mercury, Shoreline trailer, trolling motor, Bimini top, \$5500/B.O., Powers, 269-2424.  
1997 Sea Rayder, F-16XR, 175 h.p., low hours, extended warranty through 5/02, Bimini top, yellow, trailer, excellent condition, \$8300, Esposito, 453-5932.

MUSICAL INSTRUMENTS & ELECTRONIC EQUIPMENT FOR SALE

Video telephoto 2X hi-res lens w/52-46mm adapter, \$25; Minolta XE-7 camera w/28-70mm lens, \$50; video charger w/1CVA125GE battery, \$10, 459-2818.  
NewHome 9000 sewing machine, SSPC scanner w/hoops, memory cards, cloth setter, excellent condition, \$2200, Thompson, 632-5322.  
External 4X CD-ROM, \$30, Smith, 724-9926.  
Hewlett Packard 200 MHz, 96 Mb, 4 GB H/D, 24X CD ROM, 15" .28 monitor, Canon printer, \$250, Raulerson, 268-2446.  
iMac OS 8.5, 1998, Super Disk drive, printer, Pagemaker, lots of software for teachers, never used, \$850, Krisberg, 453-5167.  
Sony surround sound speakers, new, \$45, Bailey, 269-4174.  
Yamaha electric piano, excellent condition, \$100, Quinn, 383-7575.  
Sony Trinitron 27" console TV, \$75, Smith, 633-0682.

MISCELLANEOUS FOR SALE

Panel curtains w/tiebacks & 2 valances, 60" length, 7 pairs, emerald green, 60" length, includes rods, excellent condition, \$50/B.O., Julie, 269-6103.  
Tickets to Orlando Magic vs. Toronto Raptors, 2 total, January 23, Section 108, Row K, \$60/B.O., Hall, 452-3515.  
Snapper 4 h.p. commercial lawnmower, \$65; Pathfinder exterior spare tire carrier w/cover, \$75, Gorenflo, 459-2818.  
Security wire, 1000', 22/2, white, \$10, Zoellner, 452-8422.  
Craftsman 6.5 h.p. self-propelled lawnmower, \$195/B.O., Homelite weed eaters, 2 total, \$45/each, Powers, 269-2424.  
Aluminum topper for small pickup, blue, \$60; walkers w/rolling wheels, \$60, Smith, 724-9926.  
Red oak flooring, 3 1/4" wide, tongue & groove, 3/4" thick, 25 sq. ft., \$75, New, 268-3134.  
Counter top snack vending machine, 7 total, very good condition, \$100/each, \$600/all, B.O., 264-1934  
Saleen kit for 1994-1998 Mustang, \$800/B.O., Jones, 453-0939.  
Kolcraft bouncy seat, \$15; Summer infant bouncer, \$15; Fisher Price stroller, \$25; infant bathtub, \$5; miscellaneous toys, \$5/up, Kennedy, 631-8553.  
Wooden construction office, 16' x 8', used as playhouse, suitable for storage shed, wired for electricity, locking door, fair condition, you haul, Jim, 783-0857.  
Galvanized fuel tank, 150 gallon, \$25/B.O., 632-7961, after 5 p.m.  
NordicTrack skier, \$75/B.O., Curran, 952-8869.  
Air compressor, 2 h.p., 20 gallon tank, \$125/B.O.; Murray riding lawnmower, 10 h.p., 30" deck, excellent condition, needs tune-up, \$400, Bailey, 269-4174.  
Boy's 16" bicycle, \$30, Quinn, 383-7575.  
Complete 1979 Chevy 350 engine, \$175, Hope, 269-0977.  
Writing table, 2-drawer file cabinet, white, \$15/B.O.; Sears Cardiofit Plus exerciser w/electronic counter, \$70/B.O., Centore, 459-3877.  
Heatilator fireplace, model 2138, 48" opening w/brass & glass door & hardware, new, \$200; Epson 10" miter saw, new, \$125, Smith, 633-0682.  
Kelly 195/60HR14 tires, 4 total, mounted on 4 lug X100 mm wheels, used 10,000 miles, fits Honda/Acura, \$200/B.O., Larry, 452-7984.  
Tow dolly new tires, straps, fenders, \$500/B.O., Bynum, 264-1085.  
Cultured marble whirlpool tub, 54"x72", 8 jets, bone w/white, \$700/B.O., Halm, 639-6687.  
Fiberglass topper, fits Nissan & similar pickups, \$150, Keith, 751-9791.  
Mac shortie headers, equal length, 1 5/8", for 1987-1993 Ford Mustang 5.0, good condition, \$100/B.O., Dugan, 728-4892.

MISCELLANEOUS WANTED

Jon/utility boat, hd aluminum, 16'-18', wide beam, Polar Kraft or Alumaweld tunnel preferred, Ron, 269-3423.  
Extra large doghouse, Raycroft, 449-0670.  
Boat trailer for 24' cuddy, Morin, 452-9688.

FOR SALE OR TRADE

U-Max/E machine, 466 MHz, Intel Pentium III, 17" monitor, scanner, loaded w/software, B.O./trade for laptop of equal value, B.O., 454-4101, after 5 p.m.

